

To: Ripperda, Mark[Ripperda.Mark@epa.gov]
From: Chilingaryan, Sona
Sent: Wed 9/10/2014 3:30:05 PM
Subject: got a lot from the call this morning!

Didn't have much of a chance to digest the Phase 3 work plan yet for Ruby Mines but learned a lot from hearing the back and forth this morning! Can you please send me a copy of the Phase 2 draft report when you get a chance?

What you were saying about the below ground sampling Randy did at Haystack made a lot of sense to me but I didn't speak up because I wanted to give Stanley a chance to chime in. Stanley talked about us trying to go to a depth of 20 feet below surface – my memory was 10 feet but I wasn't super confident of that and it didn't seem like an important enough point to bring up. Here's the description from the sampling plan for Haystack – it refers to 10 feet bgs but maybe they ended up trying to go lower while in the field?

Subsurface soil samples will be collected using an EPA-supplied direct-push drill rig, with

disposable acetate liners. The borehole will be advanced to a depth of 10 feet bgs, and the

disposal sleeves containing the soil cores will be placed on a plastic-sheet lined table and labeled.

Following the removal of the soil core, a Ludlum 44-62 (0.5 inch by 1 inch) paired with a

Ludlum 2221 meter will be placed within a thin-walled PVC (or similar) pipe with lead-shielded

base and lowered into the borehole to collect static gamma measurements. Based on the static

gamma radiation measurements at regular depth intervals, the soil sample depth will be determined, and the sample will be collected directly from the core.

Thanks and safe travels!

S.

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